



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Frank O'Bannon  
Governor

Lori F. Kaplan  
Commissioner

September 10, 2003

100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
(317) 232-8603  
(800) 451-6027  
[www.in.gov/idem](http://www.in.gov/idem)

TO: Interested Parties / Applicant

RE: Thorn Orwick, A Division of Oldcastle Precast, Inc. / S 061-17708-00015

FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

## Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures  
FNPER.dot 8/11/03

September 10, 2003

Mr. Steve Porter  
Thorn Orwick, A Division of Oldcastle Precast, Inc.  
200 Quality Place NW  
Corydon, IN 47112

Re: Source Specific Operation Status  
**S 061-17708-00015**

Dear Mr. Porter:

Thorn Orwick, A Division of Oldcastle Precast, Inc. application for Source Specific Operation Agreement (SSOA) was received on July 14, 2003, and has been reviewed. Based on the data submitted and the provisions in 326 IAC 2, it has been determined that the concrete batch plant located at 200 Quality Place NW, Corydon, IN 47112, has met the criteria required to obtain a SSOA.

<b>Ready-Mix Concrete Batch Operation [326 IAC 2-9-9]</b>
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The facilities and processes of this source are hereby granted SSOA provided that the following requirements of 326 IAC 2-9 are satisfied:

1. The production from the concrete batch operation shall be limited to less than three hundred thousand (300,000) cubic yards per year.
2. The Permittee shall keep annual production records of the concrete batch operation at the site on a calendar year basis. These records shall be maintained for a minimum period of five (5) years, and made available upon request of the Office of Air Quality (OAQ).
3. All equipment that generate particulate matter (PM) emissions and any associated control devices shall be operated and maintained at all times of plant operation, in such a manner, as to meet all of the requirements of this SSOA.
4. Fugitive particulate emissions from the cement and aggregate silos shall be controlled by operating dust collectors such that visible emissions do not exceed twenty percent (20%) opacity in twenty-four (24) consecutive readings in a six (6) minute period. Compliance with this condition shall be determined by 40 CFR 60, Appendix A, Method 9.
5. The fugitive particulate matter (PM) emissions from all aggregate storage piles, unpaved roadways, and aggregate transfer processes of this source shall be controlled by applying water on an as needed basis, such that the following visible emission conditions are met:
  - (a) The visible emissions from any storage pile shall not exceed twenty percent (20%) in twenty-four (24) consecutive readings in a six (6) minute period. This limitation shall not apply during periods when application of control measures are ineffective or unreasonable due to sustained high wind speeds. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

- (b) The visible emissions from unpaved roadways shall not exceed an average instantaneous opacity of twenty percent (20%). Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:
- (i) The first reading shall be taken at the time of emission generation.
  - (ii) The second reading shall be taken five (5) seconds after the first.
  - (iii) The third reading shall be taken five (5) seconds after the second reading, or ten (10) seconds after the first reading.

The three (3) readings shall be taken approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

- (c) Visible emissions from the aggregate transferring processes shall not exceed an average instantaneous opacity of twenty percent (20%). The average instantaneous opacity shall be the average of three (3) opacity readings taken five (5) seconds, ten (10) seconds, and fifteen (15) seconds after the end of one (1) material loading or unloading operation. The three (3) readings shall be taken at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
6. All cement transferring processes shall always be enclosed.
7. The Permittee shall maintain records on the types of air pollution control devices used at the source and the operation and maintenance manuals for those control devices.
8. The fugitive particulate emissions at the sand and gravel operation shall not escape beyond the property lines or boundaries of the source property, right of way, or easement on which the source is located pursuant to 326 IAC 6-4.

<b>General Requirements [326 IAC 2-9-1]</b>
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1. The Permittee shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of SSOA. The above annual notice shall be submitted to:

**Compliance Data Section  
Office of Air Quality  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015**

no later than January 30 of each year, with the annual notice being submitted in the format attached.

2. Any exceedance of any requirement contained in this operating agreement shall be reported, in writing, within one (1) week of its occurrence. Said report shall include information on the actions taken to correct the exceedance, including measures to reduce emissions, in order to comply with the established limits. If an exceedance is the result of a malfunction, then the provisions of 326 IAC 1-6 apply.
3. Pursuant to 326 IAC 2-9-1(i), the owner or operator is hereby notified that this operating agreement does not relieve the permittee of the responsibility to comply with the provisions of any applicable

federal, state, or local rules, or any New Source Performance Standards (NSPS), 40 CFR Part 60, or National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61.

<b>Effective Date</b>
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Pursuant to IC 4-21.5-3-5(a) and (b), approval of this SSOA shall not be effective until fifteen (15) days from the date of this letter.

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the OAQ under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-7, and 326 IAC 2-8, before such change may occur.

<b>OAQ Contact</b>
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If you have any questions regarding this SSOA approval, please contact Ms. Iryn Calilung of my staff at 317/233-5692 or at 1-800-451-6027 extension 3-5692.

Sincerely,

Paul Dubenetzky, Chief  
Permit Branch  
Office of Air Quality

cc: File - Harrison County  
Harrison County Health Department  
Air Compliance Section - Harrison County Air Inspector  
Technical Support & Modeling - Michele Boner  
Compliance Data Section - Karen Ampil

<b>Source Specific Operating Agreement (SSOA) Annual Notification</b>
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This form should be used to comply with the notification requirements under 326 IAC 2-9.

<b>Company Name:</b>	Thorn Orwick, A Division of Oldcaste Precast, Inc.
<b>Address:</b>	200 Quality Place NW
<b>City:</b>	Corydon, IN 47112
<b>Contact Person:</b>	
<b>Telephone Number:</b>	
<b>SSOA No.:</b>	<b>061-17708-00015</b>

I hereby certify that Thorn Orwick, A Division of Oldcaste Precast, Inc., is still in operation and is in compliance with the requirements of SSOA -061-17708-00015.

<b>Name (typed or printed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Date:</b>